CARLOTTA MONTORSI

Personal Information

Date of Birth: January 23rd, 1996
Place of Birth: Turin, Italy
Nationality: Italian

Contact Information

University of Turin
Lungo Dora Siena, 100, 10153, Turin
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CURRENT POSITION

University of Turin — Turin, Italy
Department of Economics and Statistics
Post-Doctoral Researcher/Assegnista di ricerca — *Sept. 2024 - Nov. 2025*

Project: *Machine Learning and AI Methods for Modeling Massive Admin Data on Work and Health Biographies for Predicting Career Events*
Supervisor: *Roberto Leombruni*

DOCTORAL STUDIES

LISER/University of Luxembourg — Belval, Luxembourg
*Ph.D. in **Computational Social Sciences** (Double Degree)* — *2020 - 2024*
Supervisors: *Alessio Fusco, Philippe Van Kerm, Stéphane Bordas*

Insubria University — Varese, Italy
*Ph.D. in **Economics**, cum laude* — *2020 - 2024*
Supervisor: *Chiara Gigliarano*

University of Exeter — Exeter, United Kingdom
Visiting Researcher, Department of Economics — *March - June 2023*
Supervisor: *Dario Sansone*

PRE-DOCTORAL STUDIES

Bocconi University — Milan, Italy
M.Sc. in Economics and Social Sciences — *2017 - 2019*

Bocconi University — Milan, Italy
B.Sc. in Management — *2014 - 2017*

RESEARCH EXPERIENCE AND OTHER EMPLOYMENT

The World Bank — Remote
International Technical Consultant, Education Global Practice — *April 2024 - ongoing*

Insubria University — Varese, Italy
Research Assistant, Economics Department — *2019 - 2020*

Reiner Lemoine Institute — Berlin, Germany
Intern, Off-Grid Systems Research Unit — *March 2019 - August 2019*

TEACHING EXPERIENCE

Introduction to Machine Learning, University of Luxembourg — Winter 2023
Joint with Professor Philippe Van Kerm

RESEARCH INTERESTS

Big Data Analytics, Labour Economics, Economics of Discrimination, Economic Statistics

PEER-REVIEWED PUBLICATIONS

Montorsi C., Gigliarano C. (2024),'Spatial Comprehensive Well-Being Composite Indicators Based on Bayesian Latent Factor Model: Evidence from Italian Provinces' **Social Indicators Research**

Montorsi C., Fusco A., Van Kerm P., Bordas S. (2024),'Predicting Depression in Old Age: Combining Life Course Data with Machine Learning' **Economics & Human Biology**
Media Coverage: Wort.lu; Science.lu; Luxembourg Digital Week

Figari F., Fiorio C., Gandullia L., Montorsi C. (2020), 'The resilience of the Italian social protection system at the beginning of COVID-19 crisis: territorial evidence' **Journal of Economic Policy**

WORKING PAPERS AND ONGOING PROJECTS

The Old Folks at Home: Parental Retirement and Adult Children well-being with Clark, A. *Revise and Resubmit*

Small Pictures, Big Biases: The Adverse Effects of an Airbnb Anti-discrimination policy with Garbers, J.

POLICY WORK

Figari F., Montorsi C. (2020) **LombardMOD 2016-2019: un modello di microsimulazione fiscale per la regione Lombardia**
Figari F., Montorsi C. (2020) **LigurMOD 2016-2019: un modello di microsimulazione fiscale per la regione Liguria**

ACADEMIC ACTIVITIES

Invited seminar

- CMStatistics, Berlin, Germany   2023

- University of Antwerp, CSB Lunch Seminar   2023

Conference, Seminar and workshops

- CLOSER seminar series, Turin, Italy   2024

- 36th EALE Conference, Bergen, Norway   2024

- 37th ESPE Conference, Rotterdam, the Netherlands   2024

- III LABORatorio Revelli Biannual Workshop, Turin, Italy   2023

- LISER Internal Seminar Series, Luxembourg   2023

- 10th ECINEQ Meeting, Aix-en-Provence, France   2023

- Competence Centre for Data Science and Simulation (DSS), Belval, Luxembourg   2023

- LIVES Workshop 'Cognition, decisions and wellbeing in later life', Losanna, Switzerland 2022

- 7th SHARE User Conference, Bled, Slovenia   2022

- STATEC-Well Being Conference, Luxembourg   2022

- Ph.D. Conference in Social Sciences, Belval, Luxembourg   2022

- IRSEI Brown-Bag Seminar, Belval, Luxembourg   2022

- Machine Learning Seminar, Faculty of Science and Technology, Luxembourg   2021

Training

- Canazei Winter School on Inequality and Social Welfare   2023/2024

- Luxembourg Income Study (LIS) Summer Work-shop   2021
- SEAI Spatial Econometrics Summer School   2021
- InGRID-2 Winter school 'Recent advances in poverty and inequality research'   2021
- Introduction to EUROMOD: Tax and benefit microsimulation models for EU-28   2020

Refereeing Activity:

- Peer-reviewed: *The Italian Journal of Economic, Demographic and Statistical Studies*; *Social Indicators Research, Statistical Methods and Applications*

COMPUTER SKILLS

Advanced: **R, Python, Stata, LaTeX**
Intermediate: **High Performance Computing (HPC), EUROMOD**

Office Suite: proficient in Word, Excel, and PowerPoint.

LANGUAGES

Italian (Native), **English C1** (Proficient), **Spanish B2** (Advanced)